
COMBINED DECLARATION AND POWER OF ATTORNEY

**(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL,
CONTINUATION, OR C-I-P)**

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION

This declaration is for an original application.

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below
original, first and joint inventor of the subject matter that is claimed
invention entitled:

JTC Copy

I am an
on the

TITLE OF INVENTION

Entropic Trapping and Sieving of Molecules

SPECIFICATION IDENTIFICATION

The specification is attached hereto.

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification,
including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, Section 1.56, and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent.

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)
(35 U.S.C. Section 119(e))

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States
provisional application(s) listed below:

PROVISIONAL APPLICATION NUMBER

60/137,146

FILING DATE

June 5, 1999

POWER OF ATTORNEY

I hereby appoint the following practitioner(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

APPOINTED PRACTITIONER(S)

George M. Cooper

Douglas R. Hanscom

Eric S. Spector

Felix J. D'Ambrosio

James W. Hellwege

William A. Blake

Colin D. Barnitz

REGISTRATION NUMBER(S)

20201

26600

22495

25721

28808

30548

35061

SEND CORRESPONDENCE TO**DIRECT TELEPHONE CALLS TO:**

George M. Cooper
703-415-1500

George M. Cooper
P.O. Box 2266 Eads Station
Arlington, VA 22202

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

Jongyoon Han

Inventor's signature

Date 5/24/00



Country of Citizenship Republic of Korea

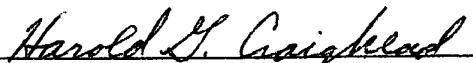
Residence Ithaca, NY

Post Office Address 20E Gaslight Village Apt., Ithaca, NY 14850

Harold G. Craighead

Inventor's signature

Date 5-24-00



Country of Citizenship U.S.A.

Residence Ithaca, NY

Post Office Address 21 Fairway Drive, Ithaca, NY 14850



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO. FILE
09/577,962	05/25/2000	Jongyoon Han	CRF D-2359

CONFIRMATION NO. 7493

Schwegman, Lundberg, Woessner & Kluth, P.A.
P.O. BOX 2938
MINNEAPOLIS, MN 55402



OC000000006081008

Date Mailed: 05/16/2001

NOTICE REGARDING POWER OF ATTORNEY

This is in response to the Power of Attorney filed 05/10/2001.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

Customer Service Center
Initial Patent Examination Division (703) 308-1202
ATTORNEY/APPLICANT COPY

Schwegman, Lundberg,
Woessner & Kluth

MAY 21 2001
RECEIVED

Receipt is hereby acknowledged for the following in the United States Patent and Trademark Office:

In re application of Jongyoon Han et al.

Title: ENTROPIC TRAPPING AND SIEVING OF LONG DNA
MOLECULES IN A NANOFLOUDIC CHANNEL

Serial No. 09/577,962

Filed: May 25, 2000

CONTENTS: Revocation and Power of Attorney (2 pages) and transmittal document (1 pg.).

BAF:CMG:dmp

Docket: 1153.034US1

Mailed: May 7, 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jongyoon Han et al.

Title: ENTROPIC TRAPPING AND SIEVING OF LONG DNA MOLECULES IN A NANOFUDIC CHANNEL

Docket No.: 1153.034US1

Serial No.: 09/577,962

Filed: May 25, 2000

Due Date:

Examiner: Unknown

Group Art Unit: Unknown

Commissioner for Patents
Washington, D.C. 20231

We are transmitting herewith the attached:

Revocation and Power of Attorney (2 pages)

A return postcard.

- Other: _____

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

By: Bradley A. Forrest
Name: Bradley A. Forrest
Reg. No. 30,837
BAF:CMG:dmp

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on this 7th day of May, 2001.

Name _____

Dawn M. Boole

Signature _____

Dawn M. Boole

S/N 09/577,962

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jongyoon Han et al. Examiner: Unknown
Serial No.: 09/577,962 Group Art Unit: Unknown
Filed: May 25, 2000 Docket: 1153.034US1
Title: ENTROPIC TRAPPING AND SIEVING OF LONG DNA MOLECULES IN A
NANOFLUIDIC CHANNEL

**REVOCATION AND POWER OF ATTORNEY
CERTIFICATE UNDER 37 CFR §3.73(b)**

Commissioner for Patents
Washington, D.C. 20231

In accordance with 37 C.F.R. Section 1.36, M.P.E.P. Section 402.05 and 402.07, please
revoke any existing Powers of Attorney, if any, and appoint the following attorneys and/or patent
agents to prosecute this application and to transact all business in the Patent and Trademark
Office in connection therewith:

Anglin, J. Michael	Reg. No. 24,916	Lemaire, Charles A.	Reg. No. 36,198
Arora, Suneel	Reg. No. 42,267	LeMoine, Dana B.	Reg. No. 40,062
Bookman, Marvin L.	Reg. No. 38,377	Lundberg, Steven W.	Reg. No. 30,568
Bianchi, Timothy E.	Reg. No. 39,610	Maki, Peter C.	Reg. No. 42,832
Billion, Richard E.	Reg. No. 32,836	Malen, Peter L.	Reg. No. 44,894
Black, David W.	Reg. No. 42,331	Mates, Robert E.	Reg. No. 35,271
Brennan, Leoniede M.	Reg. No. 35,832	McCrackin, Ann M.	Reg. No. 42,858
Brennan, Thomas F.	Reg. No. 35,075	Moore, Charles L., Jr.	Reg. No. 33,742
Brooks, Edward J., III	Reg. No. 40,925	Nama, Kash	Reg. No. 44,255
Chadwick, Robin A.	Reg. No. 36,477	Nelson, Albin J.	Reg. No. 28,650
Clark, Barbara J.	Reg. No. 38,107	Nielsen, Walter W.	Reg. No. 25,539
Clise, Timothy B.	Reg. No. 40,957	Padys, Danny J.	Reg. No. 35,635
Dahl, John M.	Reg. No. 44,639	Parker, J. Kevin	Reg. No. 33,024
Drake, Eduardo E.	Reg. No. 40,594	Perdok, Monique M.	Reg. No. 42,989
Embreton, Janet E.	Reg. No. 39,665	Peterson, David C.	Reg. No. 47,857
Fordenbacher, Paul J.	Reg. No. 42,546	Prout, William F.	Reg. No. 33,995
Forrest, Bradley A.	Reg. No. 30,837	Schumm, Sherry W.	Reg. No. 39,422
Gamon, Owen J.	Reg. No. 36,143	Schwegman, Micheal L.	Reg. No. 25,816
Gortych, Joseph E.	Reg. No. 41,791	Scott, John C.	Reg. No. 38,613
Haack, John L.	Reg. No. 36,154	Smith, Michael G.	Reg. No. 45,368
Harris, Robert J.	Reg. No. 37,346	Speier, Gary J.	Reg. No. 45,458
Hill, Stanley K.	Reg. No. 37,548	Steffey, Charles E.	Reg. No. 25,179
Jackson Huebsch, Katharine A.	Reg. No. 47,670	Stordal, Leif T.	Reg. No. 46,251
Jurkovich, Patti J.	Reg. No. 44,813	Terry, Kathleen R.	Reg. No. 31,884
Kalis, Janal M.	Reg. No. 37,650	Tong, Viet V.	Reg. No. 45,416
Klima-Silberg, Catherine I.	Reg. No. 40,052	Viksnins, Ann S.	Reg. No. 37,748
Kluth, Daniel J.	Reg. No. 32,146	Vogel, Peter J.	Reg. No. 41,363
Lacy, Rodney L.	Reg. No. 41,136	Woessner, Warren D.	Reg. No. 30,440

REVOCATION AND POWER OF ATTORNEY

Serial Number: 09/577,962

Filing Date: May 25, 2000

Title: ENTROPIC TRAPPING AND SIEVING OF LONG DNA MOLECULES IN A NANOFUDIC CHANNEL

Page 3
Dkt: 1153.034US1

CERTIFICATE UNDER 37 CFR §3.73(b)

Cornell Research Foundation, Inc. hereby certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventor filed May 25, 2000 and recorded on Reel 010824, Frames 0224. To the best of my knowledge and belief, title is in Cornell Research Foundation, Inc., the assignee.

Pursuant to 37 C.F.R. §3.73(b) I hereby declare that I, John A. Brenner, am empowered to sign this certificate on behalf of Cornell Research Foundation, Inc., the assignee.

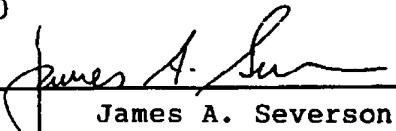
I hereby declare that all statement made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true.

Please direct all correspondence in this case to:

Schwegman, Lundberg, Woessner & Kluth, P.A.
P.O. Box 2938
Minneapolis, MN 55402
Telephone No. (612)373-6900

Date x May 1, 2001

By x


James A. Severson
Title: President